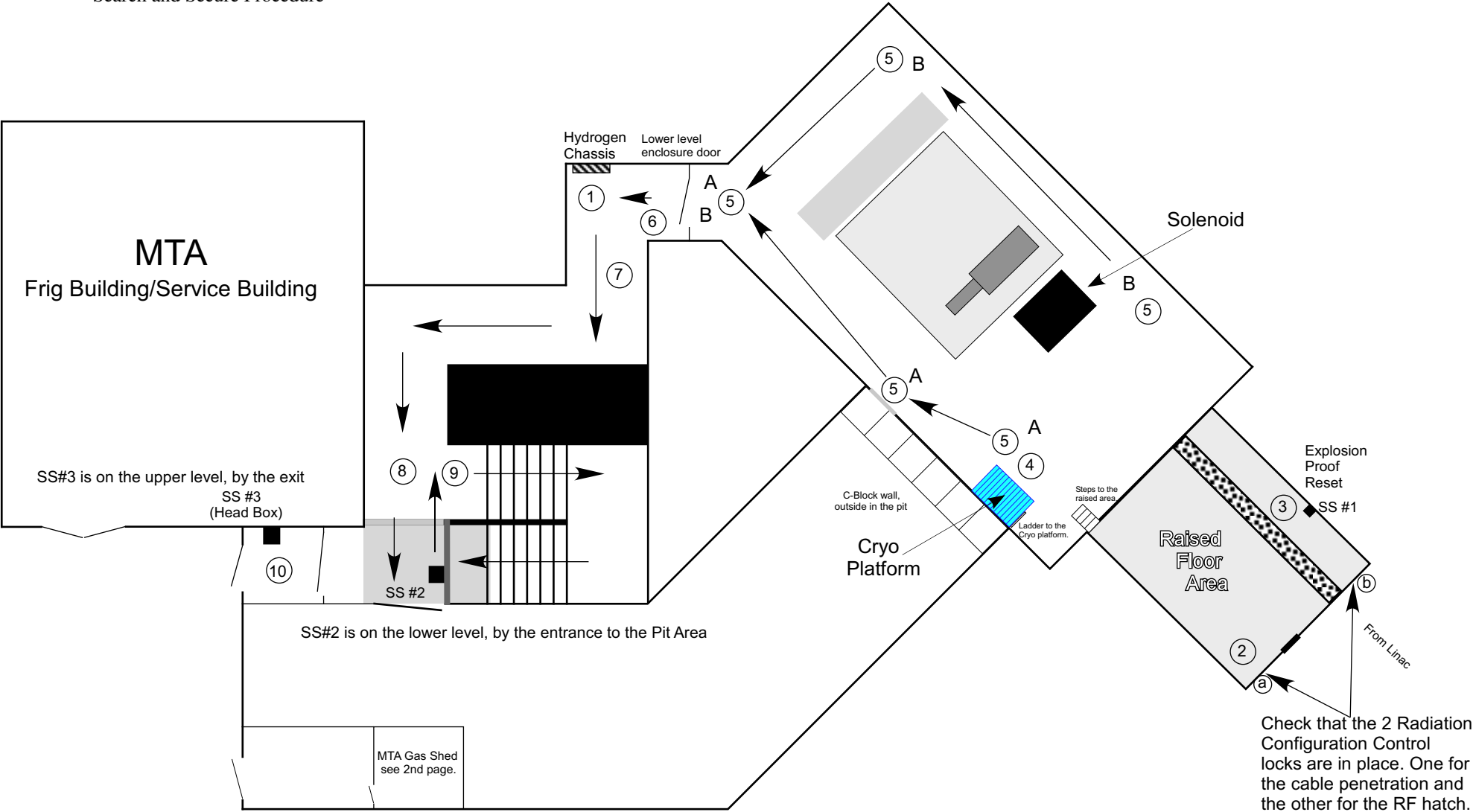


AD Enclosure - M.T.A.

Search and Secure Procedure

Muon Test Area
MTA.V2.0



| | |
|-------------------------------|--------|
| Reviewed AD/RSO | Date |
| <i>Michael A. [Signature]</i> | 3-8-10 |
| Approved AD/OPS Dept. Head | Date |
| <i>R. [Signature]</i> | 3-8-10 |

CONTROLLED DOCUMENT
Users are responsible for ensuring they work to the latest approved revision. Printed or electronically transmitted copies are uncontrolled.

spb 8 March 2010
Version 2.0

Check which mode MTA is in.

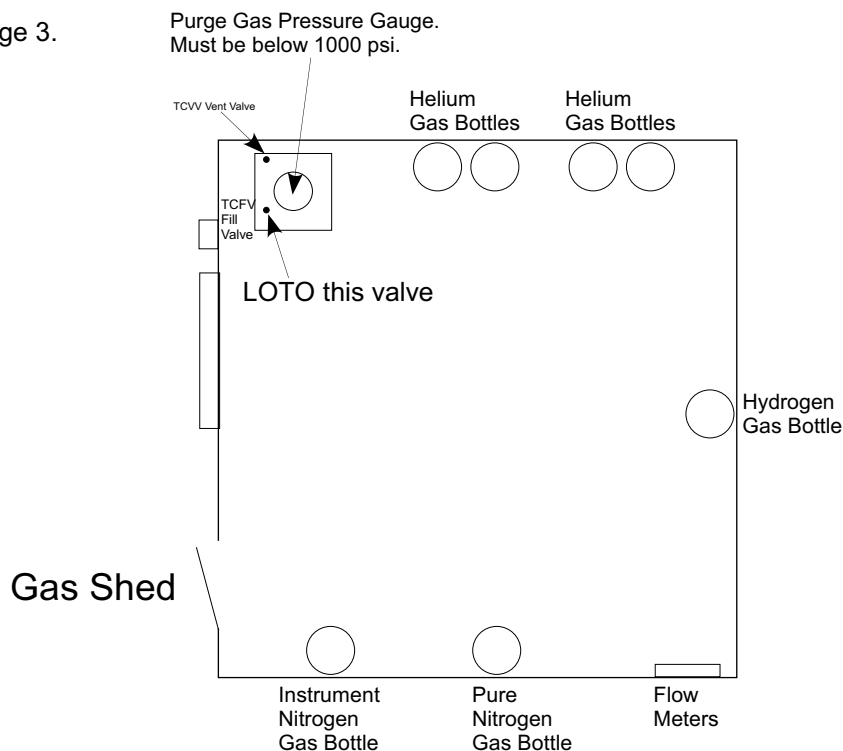
If not sure what mode MTA is in, check with either your Crew Chief or the SSO. The SSO will lock-out the “MTA SSO Electrical lock-out” key in the “Muons Inc. Mode ESS Config Control Key” box, a gray lock out box on the west wall of the MCR behind console CNS 10. If the “MTA SSO Electrical lock-out” key is not in the lock out box, then we are not in Pressurized Gas Mode.

☐ **Pressurized Gas Mode.**

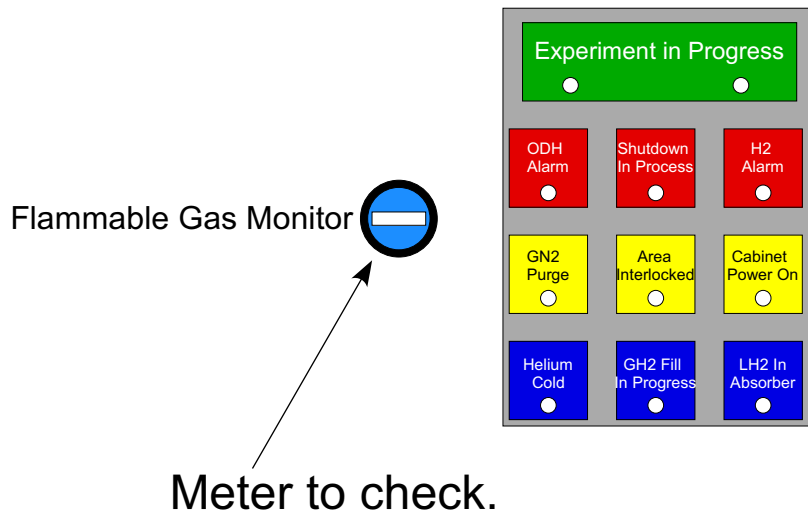
- 0) Bring your LOTO Lock.
- 1) The next step requires you to enter the MTA Gas Shed.
You will need the “MuCool Test Area Gas Manifold Area” key located in the CC cabinet, key #C-7.
- 2) The TCFV Fill Valve feeding the Muons Inc. gas manifold in the MTA Gas Shed must be locked off by MTA Experts and have a reading below 1000 psi prior to securing the hall.
- 3) The Operators will need to verify the TCFV Fill Valve is locked off and they LOTO the valve before securing the hall. If it is not locked off, terminate the secure and contact the MTA on-call experts.
- 4) Proceed to the Search and Secure Procedure, page 3.

☐ **Not in Pressurized Gas Mode**

If not in Pressurized Gas Mode, no need to check the Gas shed. Proceed to the Search and Secure Procedure, page 3.



Chassis by the lower entrance door.



Search and Secure Procedure:

- 1) Before entry through the lower level enclosure door, verify that the flammable gas monitor to the left of the door reads less than 3. If not, **DO NOT ENTER** the Hall and call the MTA on-call experts.
- 2) "A" and "B" enter the Hall and proceed upstream to the raised floor area, the "Stub". There are two covers over penetrations on the far upstream wall. One is the cable penetration and the other for the RF Wave Guide. Verify these covers are in place and locked.
- 3) "A" and "B" sweep the area and reset Search and Secure Box #1.
- 4) "B" holds while "A" checks the Cryo platform.
- 5) "A" and "B" sweep the Hall around the Solenoid and concrete platform and meet at the entrance to the Hall. During the sweep "A" checks that the glass door is closed and locked.
- 6) "A" and "B" exit the Hall, closing the door behind them.
- 7) "A" and "B" sweep the hallway to Search and Secure Box #2.
- 8) "A" holds while "B" resets Search and Secure Box #2.
- 9) "A" and "B" sweep the stairway to the exit, checking under the grating, and exit the enclosure.
- 10) "A" and "B" reset Search and Secure Box #3.
- 11) If you placed a LOTO lock on the TCFV Fill Valve in the Gas Shed, you will need to remove it.